Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	28 October 2022
Team ID	PNT2022TMID36233
Project Name	Smart Lender-Applicant Credibility Prediction For Loan Approval
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	
Sprint-1	Dashboard	USN-5	As a user, I can access the dashboard to check my loan available status.		High	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Form	USN-6	As a user, I can enter the data which I have and also the data which the website asks to me to predict	6	Very High	
Sprint 3	Prediction	USN-7	As I have given the data into the webpage now the data can be predicted for the loan avail	4	Medium	
Sprint-4	Deployment of the webpage in cloud	USN-8	As a user, I require global access to the web page as a user	3	Low	
Sprint-5	Deployment of AI model in the cloud	USN-9	Model could be running on the cloud	3	Low	
Sprint-6	Model building	USN-10	I REQUIRE AN ML model that can credit defaulters	5	High	
Sprint-7	User interface building	USN-11	As a user , I need medium to enter my data	4	Medium	

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	11	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	11	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	11	14 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	11	20 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$